

9900103

THE UNITED STATES OF AMERICA

<u>TO ALL TO WHOM THESE: PRESENTS SHALL COME;</u>

Nioneer Hi-Bred International, Inc.

MUCCOS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A part hereof, and the various requirements of LAW in such cases made and provided have been COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANTS) INDIGATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY ${\sf LAW}$, THE OHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR RTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSE , OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'93B25'

In Testimony Inexest, I have hereunto set my hand and caused the seal of the Hunt Inxiety Protection Office to be affixed at the City of Washington, D.C. this thirtieth day of January, in the year of our Lord two thousand one.

Plant Variety Protection Off

U.S. DEPARTMENT OF AGRICULTUR	RE	The following statements are made	in accordance with the Privacy Act of
AGRICULTURAL MARKETING SERVIN	CE	1974 (5 U.S.C. 552a),	in accordance with the Privacy Act of
SCIENCE DIVISION - PLANT VARIETY PROTECT APPLICATION FOR PLANT VARIETY PROTEC (Instructions and information collection burden sta	TION CERTIFICATE	Application is required in order to certificate is to be issued (7 U.S.C. until certificate is issued (7 U.S.C.	determine if a plant variety protection 2421). Information is held confidential 2426:
1. NAME OF APPLICANT(S) (as it is to appear on the Certificate)	tenent on reverse,	2. EXPERIMENTAL NUMBER	3. VARIETY NAME
Diamaga Hi Dand International Access			
Pioneer Hi-Bred International, Inc.			93B25
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, a	and Country)	5. TELEPHONE (include area code)	FOR OFFICIAL USE ONLY
7300 NW 62nd Ave		515-270-3582	PVPO NUMBER 0 0 1 0 3
P.O. Box 1004		6. FAX (include area code)	FLOATE
Johnston, Iowa 50131-1004			
	•	515-253-2288	WILL-27-98
7. GENUS AND SPECIES NAME	8. FAMILY NAME (Bo	tanical)	G FILING AND EXAMINATION FEE:
Glycine max L.	Legumin	osae	F 12457)00
9. CROP KIND NAME (Common name)			
9. CROP KIND NAME (Common name). Soybean			1/-27-98
			C CERTIFICATION FEE
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF OR Corporation	GANIZATION (corporation, partners	hip, association, etc.) (Common name)	1 320 <u>00</u>
11. IF INCORPORATED, GIVE STATE OF INCORPORATION		12. DATE OF INCORPORATION	E DATE
lowa		May 6, 1926	0 11-14-00
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY,	TO SERVE IN THIS APPLICATION	ON AND RECEIVE ALL PAPERS	14. TELEPHONE (include area code)
John Grace Dr. Daria Schmidt 7300 NW 62nd Ave. 22 Sept. 20	Jean Bromes 7100 NW 62	`	515-270-3582
P.O. Box 1004	P.O. Box 10		15. FAX (include area code)
Johnston, Iowa 50131-1004	Johnston, Io	wa 50131-1000	515-253-2288
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED	(Follow instructions on reverse)	
s. 📝 Exhibit A. Origin and Breeding History of the Variety			
b. Exhibit B. Statement of Distinctness			
c. 🖍 Exhibit C. Objective Description of the Variety			
- ,			
d. Exhibit D. Additional Description of the Variety	ship		
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Exhibit A. Origin and Breeding History of the Variety

Soybean Variety 93B25

Variety 93B25 evolved from a 1993 cross of 9244/4/ST2250/3/9392//9392/40-3-2.

It is an F3-derived variety which was advanced to the F3 generation by modified single seed descent. The F4 progeny row of 93B25 was grown in the summer of 1994. Subsequently, 93B25 has undergone 3 years of extensive testing and purification and has been observed by the breeder to be uniform and stable for all plant traits from generation to generation, with no evidence of variants. On the basis of yield and resistance to labeled Roundup Brand herbicides, variety 93B25 was given a commercial number.

The purification block was grown during summer of 1995 for increase. Forty-eight acres of 93B25 (breeders seed) were grown in the summer of 1996. Nine hundred eighty nine acres of parent seedstock (foundation seed equivalent) were grown in the summer of 1997 and 49,600 bushels harvested.

Exhibit B. Statement of Distinctness

Soybean Variety 93B25

Variety 93B25 is similar to AP2880, AP3023, CN290, DSR312 and CX289. These varieties have purple flowers, gray pubescence color and yellow seeds with buff hila. However, 93B25 is resistant to the application of labeled Roundup Brand herbicides whereas the other varieties are susceptible.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SEED DIVISION - PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MARYLAND 20705

EXHIBIT C (Soybean)

OBJECTIVE DESCRIPTION OF VARIETY

SOYB	BEAN (Glycine max L.)	•
NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
Pioneer Hi-Bred International, Inc.		93B25
ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code)		FOR OFFICIAL USE ONLY
7300 N.W. 62nd Ave., P.O. Box 1004		PVPO NUMBER 9900103
Johnston, IA 50131-1004		•
Choose the appropriate response which characterizes the variety in the number of boxes provided, place a zero on the first box when numadequate soybean variety description. Other characters should be de	nber is 9 or less (e.g., 👩 🖂 1). Sta	rred characters 🛨 are considered fundamental to an
1. SEED SHAPE:		,
2 L	W T	
1 = Spherical (L/W, L/T, and T/W ratios = < 1. 3 = Elongate (L/T ratio > 1.2; T/W = < 1.2)	•	l Flattened (L/W ratio > 1.2; L/T ratio = < 1.2) ∍ Flattened (L/T ratio > 1.2; T/W > 1.2)
★ 2. SEED COAT COLOR: (Mature Seed)		
1 1 = Yellow 2 = Green 3 = Brown	4 = Black 5 = Other (Sp	ecify)
3. SEED COAT LUSTER: (Mature Hand Shelled Seed)		1
1 = Dull ('Corsoy 79'; 'Braxton')	2 = Shiny ('Nebsoy'; 'Ga	asoy 17')
★ 4. SEED SIZE: (Mature Seed)		
1 7 Grams per 100 seeds		
★ 5. HILUM COLOR: (Mature Seed)		
1 1 = Buff 2 = Yellow 3 = Brown 4 = Gray	5 = Imperfect Black 6 = B	lack 7 = Other (Specify)
★ 6. COTYLEDON COLOR: (Mature Seed)		
1 1 = Yellow 2 = Green		
★ 7. SEED PROTEIN PEROXIDASE ACTIVITY:		
1 = Low 2 = High		
★ 8. SEED PROTEIN ELECTROPHORETIC BAND:		*
1 = Type A (SP1 a) 2 = Typ	e B (SP1 b)	
★ 9. HYPOCOTYL COLOR:		
1 = Green only ('Evans'; 'Davis')	2 = Green with bron	ze band below cotyledons ('Woodworth'; 'Tracy')
3 = Light Purple below cotyledons ('Beeson';		,,
4 = Dark Purple extending to unifoliate leave	•	266A')
★ 10. LEAFLET SHAPE:		-
	Overte 4 m Others (Over 1)	5.1
3 1 = Lanceolate 2 = Oval 3 = 0	Ovate 4 = Other (Speci	y;

Variety Name 93B25

1		44 LEASI ST OLDE.
12. LEAF COLOR: 2 1 = Light Green (Weber; 'York') 3 = Dark Green (Gnome'; 'Tracy') 2 = Medium Green ('Corscy 79'; 'Braxton') 3 = Dark Green (Gnome'; 'Tracy') 3 = White with purple throat 4 13. FLOWER COLOR: 2 1 = Tan		
2		
14. PCD COLOR: 2		2 1 = Light Green ('Weber'; 'York') 2 = Medium Green ('Corsoy 79'; 'Braxton')
# 14, PDD COLOR: 2	*	13. FLOWER COLOR:
2		Z=ruiple 0 withte with purple throat
1 1 = Gray 2 = Brown (Tawny) 10. PLANT TYPES: 2 1 = Siender ("Essex'; 'Amsoy 71') 2 = Intermediate ('Amcor'; 'Braxton') 3 = Bushy ('Gnome'; 'Govan') ★ 17. PLANT HABIT: 3 1 = Determinate ('Gnome'; 'Braxton') 2 = Semi-Determinate ('Will') 3 = Indeterminate ('Nobsoy'; 'Improved Pelican') ★ 18. MATURITY GROUP: 0 6 1 = 000 2 = 00 3 = 0 4 = 1 5 = II 6 = III 7 = IV 8 = V 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X ★ 19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) BACTERIAL DISEASES: ★ 0 Bacterial Pustule (Xanthomonas phaseoli var. sojensis) ★ 1 Bacterial Blight (Pseudomonas glycinea) ★ 0 Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: ★ 1 Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercespora sojina) ★ 0 Race 1 0 Race 2 0 Race 3 0 Race 4 0 Race 5 Other (Specify) 0 Target Spot (Corynespora cassilcole) 0 Downy Mildew (Peronospora trifoliorum var. manshurica) Powdery Mildew (Microsphaera diffusa) ★ 2 Brown Stem Rot (Cephalosporium gregatum)	*	
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2		
3 = Bushy (Gnome'; 'Govan') * 17. PLANT HABIT: 3		16. PLANT TYPES:
3 1 = Determinate ('Gnome'; 'Braxton') 2 = Semi-Determinate ('Will') 3 = Indeterminate ('Nebsoy'; 'Improved Pelican') * 18. MATURITY GROUP: 0 6 1 = 000 2 = 00 3 = 0 4 = I 5 = II 6 = III 7 = IV 8 = V 9 = VI 10 = VII 11 = VIII 12 = IX 13 = X * 19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) BACTERIAL DISEASES: * 0 Bacterial Pustule (Xanthomonas phaseoli var. sojensis) * 1 Bacterial Blight (Pseudomonas glycinea) * 0 Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: * 1 Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) * 0 Race 1 0 Race 2 0 Race 3 0 Race 4 0 Race 5 Other (Specify) 0 Target Spot (Corynespora cassilcola) 0 Downy Mildew (Peronospora trifoliorum var. manshurica) 0 Powdery Mildew (Microsphaera diffusa) * 2 Brown Stem Rot (Cephalosporium gregatum)		2 monitority
3 = Indeterminate (*Nebsoy'; 'Improved Pelican') * 18. MATURITY GROUP: 0 6 1 = 000 2 = 00 3 = 0 4 = I 5 = II 6 = III 7 = IV 8 = V 9 = VI 10 = VIII 11 = VIII 12 = IX 13 = X * 19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) BACTERIAL DISEASES: * 0 Bacterial Pustule (Xanthomonas phaseoli var. sojensis) * 1 Bacterial Blight (Pseudomonas glycinea) * 0 Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: * 1 Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) * 0 Race 1 0 Race 2 0 Race 3 0 Race 4 0 Race 5 Other (Specify) 0 Target Spot (Corynespora cassilcola) 0 Downy Mildew (Peronospora trifoliorum var. manshurica) 0 Powdery Mildew (Microsphaera diffusa) * 2 Brown Stem Rot (Cephalosporium gregatum)	\star	17. PLANT HABIT:
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9 = VI 10 = VII 11 = VIII 12 = IX 13 = X 19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) BACTERIAL DISEASES: 10. Bacterial Pustule (Xanthomonas phaseoli var. sojensis) 11. Bacterial Blight (Pseudomonas glycinea) 12. Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: 13. Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) 14. O Race 1		
## 19. DISEASE REACTION: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant) BACTERIAL DISEASES: ## 0 Bacterial Pustule (Xanthomonas phaseoli var. sojensis) ## 1 Bacterial Blight (Pseudomonas glycinea) ## 0 Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: ## 1 Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) ## 0 Race 1 0 Race 2 0 Race 3 0 Race 4 0 Race 5 Other (Specify) 0 Target Spot (Corynespora cassiicola) 0 Downy Mildew (Peronospora trifoliorum var. manshurica) 0 Powdery Mildew (Microsphaera diffusa) ## 2 Brown Stem Rot (Cephalosporium gregatum)	l	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
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★ ① Wildfire (Pseudomonas tabaci) FUNGAL DISEASES: ★ ① Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) ★ ② Race 1 ② Race 2 ② Race 3 ② Race 4 ② Race 5 ② Other (Specify) ② Target Spot (Corynespora cassiicola) ② Downy Mildew (Peronospora trifoliorum var. manshurica) ② Powdery Mildew (Microsphaera diffusa) ★ ② Brown Stem Rot (Cephalosporium gregatum)		-L [<u>[]</u>
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Downy Mildew (Peronospora trifoliorum var. manshurica) Powdery Mildew (Microsphaera diffusa) Brown Stem Rot (Cephalosporium gregatum)		Race 1 0 Race 2 0 Race 3 0 Race 4 0 Race 5 0 Other (Specify)
Downy Mildew (Peronospora trinolorum var. mansnurica) Powdery Mildew (Microsphaera diffusa) Brown Stem Rot (Cephalosporium gregatum)		Target Spot (Corynespora cassiicola)
Brown Stem Rot (Cephalosporium gregatum)		Downy Mildew (Peronospora tritollorum var. mansnurica)
		Powdery Mildew (Microsphaera diπusa)
O Stem Canker (Diaporthe phaseolorum var. caulivora)		Brown Stem Rot (Cephalosporium gregatum)
		O Stem Canker (Diaporthe phaseolorum var. caulivora)

Variety Name 93B25

19.	DISEASES REACTION:	(Enter 0 = Not Tested; 1 = Susceptible; 2	2 = Resistant) (Continued)	
	FUNGAL DISEASES:		, ,	
*	Pod and Stem Blig	ht (Diaporthe phaseolorum var; sojae)		
	0 Purple Seed Stain	(Cercospora kikuchii)		
	1 Rhizoctonia Root I	Rot (Rhizoctonia solani)		
	Phytophthora Rot	(Phytophthora megasperma var. sojae)		•.
*	1 Race 1 0	Race 2 1 Race 3 0 Race 4	Race 5 0 Race 6	0 Race 7
	0 Race 8 0	ace 9 Other (Specify)		
	VIRAL DISEASES:			
	1 Bud Blight (Tobac	co Ringspot Virus)		
	1 Yellow Mosaic (Be	an Yellow Mosaic Virus)		
*	1 Cowpea Mosaic (C	owpea Chlorotic Virus)		
	Pod Mottle (Bean I	od Mottle Virus)		
*	1 Seed Mottle (Soyb	ean Mosaic Virus)		
	NEMATODE DISEASES	:	·	
	Soybean Cyst Nem	atode (Heterodera glycines)		
*	0 Race 1 0 R	ace 2 1 Race 3 0 Race 4	Other (Specify)	
	O Lance Nematode (F	loplolaimus Colombus)		
*	0 Southern Root Kno	t Nematode (Meloidogyne incognita)		
*	0 Northern Root Kno	t Nematode <i>(Meloidogyne Hapla)</i>		
	Peanut Root Knot i	Nematode (Meloidogyne arenaria)		
	0 Reniform Nematod	e (Rotylenchulus reniformis)		
	OTHER DISEASE N	OT ON FORM (Specify)		
20.	PHYSIOLOGICAL RESP	ONSES: (ENTER 0 = Not tested, 1 = Susce	otible, 2 = Resistant)	
*	0 Iron Chlorosis on C			
	Other (Specify)			
21.	INSECT REACTION: (E)	ITER 0 = Not tested, 1 = Susceptible, 2 = Re	ecictant)	
		e (Epilachna Varivestis)	:	
	0 Potato Leaf Hopper	•	de.	
	Other (Specify)	· · ·	114.	
22 . i	INDICATE WHICH VARIE	TY MOST CLOSELY RESEMBLES THAT SU	JBMITTED.	
	CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
	Plant Shape	AP3023	Seed Coat Luster	AP3023
	Leaf Shape	AP3023	Seed Size	AP3023
	Leaf Color	9303	Seed shape	9303
	Leaf Size	9303	Seedling Pigmentation	AP3023

Variety Name 93B25

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY: Paired Comparison Data

VARIETY	NO. OF DAYS	PLANT LODGING	CM PLANT	LEAFL	ET SIZE	SEED CON	TENT	SEED SIZE	NO.
	MATURITY	SCORE	HEIGHT	CM Width	CM Length	% Protein	% Oil	G/100 SEED	SEEDS POD
Submitted 93B25	130.7	1.7	89			33	20	17	3
Name of Similar Variety 9306	128.9	1.9	82			34	22	16	3

PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

- 1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer. Soc. Agron. Monograph No. 16.
- 2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci., 8: 722-725.
- 3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A2 in the USDA soybean germplasm collection. Crop. Sci., 13: 420-421
- 4. Payne, R.C. and L.F. Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1:1-19

Exhibit D. Additional Description of the Variety

Soybean Variety 93B25

In Exhibit C we have identified variety 93B25 as susceptible to bacterial blight, brown spot, pod and stem blight, rhizoctonia root rot, bud blight, yellow mosaic, cowpea mosaic, pod mottle and seed mottle.

This does not mean that variety 93B25 is any worse for these problems than other varieties of similar maturity. Rather, we do not consider 93B25 to be immune to these problems. Therefore, we have chosen to be conservative and have identified the line as "susceptible".

U.S. DEPARTMENT OF AGRICULTURE	The following statements are made in acc			
AGRICULTURAL MARKETING SERVICE	1974 (5 U.S.C. 552a) and the Paperwork R Application is required in order to de	• •		
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP		issued (7 U.S.C. 2421). Information is held confidential issued (7 U.S.C. 2426).		
1. Name Of Applicant(s)	Temporary Designation Or Experimental Number	3. Variety Name		
Pioneer Hi-Bred International, Inc.		93B25		
4. Address (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)	5. Telephone (include area code)	6. Fax (include area code)		
7300 NW 62nd Ave	515-270-3582	515-253-2288		
P.O. Box 1004 Johnston, Iowa 50131-1004	7. PVPO Number 99	00103		
Joiniston, Iowa Joini-1004				
Does the applicant own all rights to the variety? Mark an "X" in appropria	te block. If no, Please explain.	YES NO		
·				
		· · · · · · · · · · · · · · · · · · ·		
9. Is the applicant (individual or company) a U.S. national or U.S. based com If no, give name of country	npany?	YES NO		
10. Is the applicant the original owner? ✓ YES □ NO	If no, please answer one of the followi	na:		
a. If original rights to variety were owned by individual	-	_		
☐ YES ☐ NO If no, give name of coun		national(3)1		
b. If original rights to variety were owned by a compan YES NO If no, give name of cour		5. based company?		
	,			
11. Additional explanation on ownership (If needed, use reverse for extra		A Trip Specialism		
11. Additional explanation on ownership (If needed, use reverse for extra				
11. Additional explanation on ownership (If needed, use reverse for extra				
11. Additional explanation on ownership (If needed, use reverse for extra				
11. Additional explanation on ownership (If needed, use reverse for extra	space):			
PLEASE NOTE:	space): meet one of the following criteria: must be a U.S. national, national of a l	JPOV member country, or		
PLEASE NOTE: Plant variety protection can be afforded only to owners (not licensees) who 1. If the rights to the variety are owned by the original breeder, that persor	space): meet one of the following criteria: must be a U.S. national, national of a lead of the same genus and species. the original breeder(s), the company must	ist be U.S. based, owned by		
PLEASE NOTE: Plant variety protection can be afforded only to owners (not licensees) who 1. If the rights to the variety are owned by the original breeder, that persor national of a country which affords similar protection to nationals of the 2. If the rights to the variety are owned by the company which employed the nationals of a UPOV member country, or owned by nationals of a country	space): meet one of the following criteria: must be a U.S. national, national of a tele U.S. for the same genus and species. the original breeder(s), the company mury which affords similar protection to na	ist be U.S. based, owned by ationals of the U.S. for the sam		
PLEASE NOTE: Plant variety protection can be afforded only to owners (not licensees) who 1. If the rights to the variety are owned by the original breeder, that persor national of a country which affords similar protection to nationals of the 2. If the rights to the variety are owned by the company which employed the nationals of a UPOV member country, or owned by nationals of a count genus and species.	meet one of the following criteria: n must be a U.S. national, national of a lead of the same genus and species. The original breeder(s), the company mury which affords similar protection to national owner and the applicant must meet	ist be U.S. based, owned by ationals of the U.S. for the sam		

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